BARNHILL MIDDLE SCHOOL

SCIENCE 7 Mme Murphy

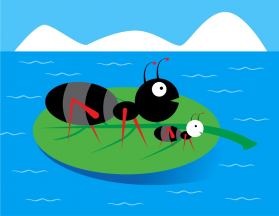
Understanding Ecosystems Lesson 1

GOAL – We will be able to describe the interactions between the biotic and abiotic factors in an ecosystem.

Steps

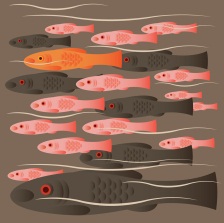
1. The teacher will give you a card with the name of an ecosystem in it. Think of that ecosystem and name as many different kinds of organisms you can. Include plants, animals, bugs and anything else.

2. Next, name all the things about the ecosystem that would affect the life in that area.



3. With your partners, jot down a few ideas that answer these questions:

- How do you think the amount of water in your ecosystem is important?



- How do you think the temperature in your ecosystem is important?

- How do you think the amount of sunlight in your ecosystem is important?



- How do you think the amount of space in your ecosystem is important?

- How do you think the kind of weather in your ecosystem is important?

 WORDS OF THE WEEK

When studying ecosystems, there are many words that we will use to describe the different parts, interactions and roles that organisms play. Here are the first terms.

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| --- | --- |
| BIOTIC  ABIOTIC  ORGANISM  INDIVIDUAL | SPECIES  POPULATION  COMMUNITY |

Search for the meaning of these terms in your textbook on pages 6 and 7. Write these definitions down.